

3. Add an Additional Account Holder to Your Accounts (Continued)

Additional Account Holder

Name (First)		(Middle)		(Last)	
Home/Legal Street Address (no P.O. boxes)			City	State	Zip Code
Mailing Address (if different from above; P.O. boxes may be used)			City	State	Zip Code
Home Telephone Number	Business Telephone Number	Cellular Telephone Number	Email Address* (Required to update your accounts on the web.)		
Social Security/Tax ID Number	Date of Birth (mm/dd/yyyy)		Mother's Maiden Name	Are you known by any other name? Specify:	
ID Number	<input type="checkbox"/> Driver's License <input type="checkbox"/> State <input type="checkbox"/> Passport		Place of Issuance	Expiration Date (mm/dd/yyyy)	
Country of Citizenship (Must list all.) <input type="checkbox"/> USA <input type="checkbox"/> Other: _____			Country of Legal Residence <input type="checkbox"/> USA <input type="checkbox"/> Other: _____		

*By providing your email address, you are consenting to receive email from Schwab. Information about opting out of certain email communications is provided at www.schwab.com/privacy.

We respect your privacy. Schwab will use the information you provide to open and service your accounts, communicate with you, and provide information about products and services. Read about the privacy policy of Schwab at www.schwab.com/privacy. As required by federal law, Schwab will use the information provided below to verify your identity.

Securities industry regulations require that we collect the following information:

Employment Status (Select only one.) <input type="checkbox"/> Employed <input type="checkbox"/> Self-employed <input type="checkbox"/> Retired <input type="checkbox"/> Homemaker <input type="checkbox"/> Student <input type="checkbox"/> Not employed		Employer Name/Business Name	
Occupation (If you selected "Employed" or "Self-Employed," select one option that best describes your occupation.)			
<input type="checkbox"/> Business Owner/Self-Employed	<input type="checkbox"/> Financial Services/Banking Professional	<input type="checkbox"/> Military	<input type="checkbox"/> Consultant
<input type="checkbox"/> Executive/Senior Management	<input type="checkbox"/> Information Technology Professional	<input type="checkbox"/> Educator	<input type="checkbox"/> Other (Specify): _____
<input type="checkbox"/> Medical Professional	<input type="checkbox"/> Other Professional	<input type="checkbox"/> Clerical/Administrative Services	
<input type="checkbox"/> Legal Professional	<input type="checkbox"/> U.S. Government Employee (Federal/State/Local)	<input type="checkbox"/> Trade/Service (Labor/Manufacturing/Production)	
<input type="checkbox"/> Accounting Professional	<input type="checkbox"/> Foreign Government Employee (Non-U.S.)	<input type="checkbox"/> Sales/Marketing	
Business Street Address		City	State Zip Code
Are you affiliated with or employed by a stock exchange or member firm of an exchange or FINRA, or a municipal securities broker-dealer? <input type="checkbox"/> No <input type="checkbox"/> Yes (If "yes," you are ineligible to open a Schwab Global Account!™ Contact Schwab to obtain the correct account opening form.)			
Are you a director, 10% shareholder or policy-making officer of a publicly held company? <input type="checkbox"/> No <input type="checkbox"/> Yes (If "yes," you are ineligible to open a Schwab Global Account. Contact Schwab to obtain the correct account opening form.)			
Marital Status <input type="checkbox"/> Single <input type="checkbox"/> Married <input type="checkbox"/> Divorced <input type="checkbox"/> Widowed		Number of Dependents	
Investment Experience <input type="checkbox"/> None <input type="checkbox"/> Limited <input type="checkbox"/> Good <input type="checkbox"/> Extensive			
Annual Income <input type="checkbox"/> Under \$15,000 <input type="checkbox"/> \$15,000–\$24,999 <input type="checkbox"/> \$25,000–\$49,999 <input type="checkbox"/> \$50,000–\$99,999 <input type="checkbox"/> \$100,000 or more			
Liquid Net Worth <input type="checkbox"/> Under \$25,000 <input type="checkbox"/> \$25,000–\$49,999 <input type="checkbox"/> \$50,000–\$99,999 <input type="checkbox"/> \$100,000–\$249,999 <input type="checkbox"/> \$250,000 or more (Specify): _____			



3. Add an Additional Account Holder to Your Accounts (Continued)

Trusted Contact Designation

A Trusted Contact Person ("Trusted Contact")* is a resource Schwab, and your advisor (if you have one), may contact on your behalf, if necessary, to attempt to address concerns regarding potential financial exploitation, or in communicating with you regarding issues related to your account(s). A Trusted Contact will not be able to view your account information, execute transactions in your account(s), or inquire about account activity, unless that person has that authority through another role on the account(s), such as a trustee or power of attorney. Providing Schwab with Trusted Contact information is voluntary. We encourage you to provide two Trusted Contacts in the event that one is not reachable in the future.

- Schwab suggests that your Trusted Contact(s) be someone other than your financial consultant or investment advisor.
- You may name up to two Trusted Contacts.
- The person(s) you name as Trusted Contact(s) will be the Trusted Contact(s) on all of your Schwab accounts, as provided for in your account agreement.
- For multiple-party accounts, each party can name separate Trusted Contacts.
- The Trusted Contact(s) must be at least 18 years old.

Trusted Contact Information

Trusted Contact information provided on this form will replace all Trusted Contact information currently on file.

Person 1

If you have no changes to your existing Trusted Contact, please skip this section.

Name (Title, First)	(Middle Name)	(Last Name, Suffix)
Relationship (Please select only one.)		
<input type="checkbox"/> Spouse <input type="checkbox"/> Partner <input type="checkbox"/> Child <input type="checkbox"/> Parent <input type="checkbox"/> Sibling <input type="checkbox"/> Friend <input type="checkbox"/> Other		

Please provide at least one method of contact for each Trusted Contact listed.

Mailing Address (No P.O. Boxes)		City
State or Province	Country	Postal or Zip Code
Home Phone	Mobile Phone	Email Address

Person 2

If you have no changes to your existing Trusted Contact, please skip this section.

Name (Title, First)	(Middle Name)	(Last Name, Suffix)
Relationship (Please select only one.)		
<input type="checkbox"/> Spouse <input type="checkbox"/> Partner <input type="checkbox"/> Child <input type="checkbox"/> Parent <input type="checkbox"/> Sibling <input type="checkbox"/> Friend <input type="checkbox"/> Other		

Please provide at least one method of contact for each Trusted Contact listed.

Mailing Address (No P.O. Boxes)		City
State or Province	Country	Postal or Zip Code
Home Phone	Mobile Phone	Email Address

*If you provide a Trusted Contact Person(s) to Schwab, you understand that you have authorized Schwab and your advisor (if you have one) to contact the Trusted Contact Person(s) at their discretion and to disclose information about your account to address possible activities that might indicate financial exploitation of you; to confirm the specifics of your current contact information, health status (including physical or mental capacity), or the identity of any legal guardian, executor, trustee, or holder of a power of attorney on your account(s); or as otherwise permitted by FINRA rules or state law. For more information, please see your Schwab Account Agreement, which is available at schwab.com/accountagreement.



4. Your Consent to Enroll in Schwab's Cash Features Program

The Cash Features Program is a service that offers the Bank Sweep feature (a "Cash Feature") to permit your uninvested cash (the "Free Credit Balance") to earn income while you decide how those funds should be invested longer term.

You understand that additional information about the Cash Features Program and each Cash Feature is available in the Cash Features Disclosure Statement.

By signing this Application, you consent to having the Free Credit Balance in your brokerage

account included in the Cash Features Program, as described in the Cash Features Disclosure Statement. The current Cash Feature on your brokerage account will remain the same.

You understand and agree that Schwab can (1) make changes to the terms and conditions of the Cash Features Program; (2) make changes to the terms and conditions of any Cash Feature; (3) change, add, or discontinue any Cash Feature; (4) change your investment from one Cash Feature to another if you become ineligible for your current Cash Feature or your

current Cash Feature is discontinued; and (5) make any other changes to the Cash Features Program or Cash Feature as allowed by law. Schwab will notify you in writing of changes to the terms of the Cash Features, changes to the Cash Features we make available, or changes to the Cash Features Program prior to the effective date of the proposed change.

5. High Yield Investor Checking Account Terms

These account terms are an agreement between Schwab Bank (the "Bank") and each account holder for a High Yield Investor Checking account. "I," "me" and "my" refer to each account holder. All account holders are required to sign on the next page. By signing on the next page, I:

- (1) certify that I am of the age of majority in the state in which I live, that I am legally authorized to enter into this agreement, and that the personal information provided in this Application, and during the application process, is true and correct;
- (2) acknowledge that the Bank will provide me with the following documents before account opening or before a service is provided: (a) the *Schwab Bank Deposit Account Agreement*, which contains an arbitration provision and the terms and conditions for the Schwab Bank Bill Pay service; (b) Schwab Bank's *A Commitment to Your Privacy*; (c) *Important Privacy Choice for Consumers*, for California residents only; and (d) the *Schwab Bank Deposit Account Pricing Guide*;
- (3) acknowledge that if the Application is approved, each account holder will receive a Visa® Platinum Debit Card once the account is funded and the *Visa Debit Card Agreement*, which contains the terms and conditions that apply to this card;
- (4) acknowledge that, unless I specifically stated otherwise, I will be enrolled in the Schwab Bank Bill Pay service;
- (5) agree to be subject to the terms and conditions of all documents associated with my High Yield Investor Checking account upon account opening, and acknowledge that the Bank advises me to read all the disclosure documents prior to opening or using my account;
- (6) acknowledge that my High Yield Investor Checking account is linked with my brokerage account maintained at Charles Schwab & Co., Inc., a registered broker-dealer, and I authorize Charles Schwab & Co., Inc. to follow the instructions set forth in this Application, if applicable;
- (7) authorize the Bank to initiate a one-time debit entry (or credit entry in case of error) to the institution and account specified by my attached voided check or savings account deposit slip, electronically or by other commercially accepted method, to initially fund my High Yield Investor Checking account; I certify that the information provided on the voided check or savings account deposit slip is correct and that I am authorized to transfer funds from the specified account; I also understand that the owners listed on the specified account that will be debited must match the owners of my High Yield Investor Checking account;
- (8) authorize the Bank to inquire from any source, including a consumer reporting agency, as to my identity (as required by federal law), creditworthiness and ongoing eligibility for the account and other information at account opening, at any time throughout the life of the account, and thereafter for debt collection or investigative purposes; and
- (9) understand if no activity occurs in the account within the time period specified by applicable state law, the account may be transferred to the appropriate state.

Brokerage Products: Not FDIC-Insured • No Bank Guarantee • May Lose Value

Charles Schwab & Co., Inc. and Charles Schwab Bank, SSB are separate but affiliated companies and subsidiaries of The Charles Schwab Corporation. Brokerage products are offered by Charles Schwab & Co., Inc., Member SIPC. Deposit and lending products and services are offered by Charles Schwab Bank, SSB, Member FDIC and an Equal Housing Lender.

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6. Authorization to Add Account Holder to Your Schwab One® Brokerage Account and Your Schwab Global Account™

By signing this Application, you acknowledge that you have received and read a copy of the attached *Schwab One Application Agreement* and the attached *Schwab Global Account Application Agreement* (the "Application Agreements"), both of which contain predispute arbitration provisions. You acknowledge that your signature signifies and constitutes your agreement that these accounts and your relationship with Schwab will be governed by the Application Agreements and all incorporated agreements and disclosures, including the *Schwab One Account Agreement*, the *Schwab Global Account Agreement*, the Schwab Global Risk Disclosure Statements, and the *Charles Schwab Pricing Guide*, each as amended from time to time (the "Agreements and Disclosures"). You understand there are fees associated with establishing, maintaining, engaging in transactions, and

transferring assets out of these accounts.

With respect to your Schwab One brokerage account, unless you have declined the margin feature, you acknowledge that securities securing loans from Schwab may be lent to Schwab and lent by Schwab to others. You also acknowledge that if you trade on margin, you are borrowing money from Schwab and that you understand the requirements and risks associated with margin borrowing as summarized in the *Margin Disclosure Statement* included with this Application.

You also acknowledge that the securities products purchased or sold in a transaction with Schwab (i) are not insured by the Federal Deposit Insurance Corporation ("FDIC"); (ii) are not deposits or other obligations of Charles Schwab and are not guaranteed by Schwab Bank; and (iii) are subject to investment risks,

including possible loss of the principal invested.

For purposes of this Account Application and the attached Application Agreements, the terms "you," "your," and "account holder" refer to each person who signs this Account Application. The terms "we," "us," "our," and "Schwab" refer to Charles Schwab & Co., Inc. The term "Schwab Bank" refers to Charles Schwab Bank, SSB.

Attached to this Application are the following risk disclosure documents: *Schwab Global Account—Acknowledgment of Obligations and Risks of Investing in Global Securities Traded on Foreign Exchanges* and *Schwab Global Account—Acknowledgment of Risks of Trading Foreign Currency* ("Risk Disclosures"). You agree to review these attached Risk Disclosures prior to placing any trades in your Schwab Global Account.

I certify, under penalty of perjury, that (1) the number shown on this Application is the correct Taxpayer Identification Number; (2) I am not subject to backup withholding due to a failure to report interest and dividend income; (3) I am a U.S. person (a U.S. citizen or U.S. resident alien); and (4) I am exempt from Foreign Account Tax Compliance Act (FATCA) reporting. I understand that if I have been notified by the IRS that I am subject to backup withholding as a result of dividend or interest underreporting and I have not received a notice from the IRS advising me that backup withholding is terminated, I must cross out item 2 above.

The Internal Revenue Service does not require your consent to any provision of this document other than the certifications required to avoid backup withholding.

The Agreement with Schwab includes a predispute arbitration clause. You acknowledge receipt of the predispute arbitration clauses contained in Section 15, pages 2 and 3, of the Schwab One Brokerage Account Application Agreement and in Section 12, page 2, of the Schwab Global Account Application Agreement.

Signature(s) and Date(s) Required

X	Account Holder Signature	Print Name	Date
X	Additional Account Holder Signature	Print Name	Date

All existing and new account holders must sign and date above in blue or black ink only.

Please return pages 1–5 of this form to your nearest Schwab branch or mail to Charles Schwab & Co., Inc., Attn: IS Document Control, P.O. Box 982600, El Paso, TX 79998-2600 or P.O. Box 628291, Orlando, FL 32862-8291.

If you'd like to send your form via overnight delivery, send it to 1945 Northwestern Drive, El Paso, TX 79912 or 1958 Summit Park Drive, Suite 200, Orlando, FL 32810.



Schwab One® Brokerage Account Application Agreement

This Agreement relates to your Account and is part of the Account Agreement between each Account Holder and Charles Schwab & Co., Inc. ("Schwab"). Please read and retain for your files.

Section 1: Scope of Agreement. Your agreement with Schwab consists of the terms set forth in this Application Agreement and the terms set forth in the *Schwab One Account Agreement*, which incorporates the *Charles Schwab Pricing Guide* and a number of other important disclosures. The *Schwab One Account Agreement* is provided with this Application or at the opening of your Account. You agree to contact Schwab if you do not receive the *Schwab One Account Agreement*.

In addition, you may in the future receive from Schwab supplemental terms or disclosures that pertain to certain account types, service features and benefit packages. These supplemental terms and disclosures, this Application Agreement and the *Schwab One Account Agreement* are collectively referred to as the "Agreement and Disclosures." You agree to read the Agreement and Disclosures carefully and retain copies for your records.

Section 2: Acceptance of Agreement and Disclosures. You agree that the Agreement and Disclosures govern all aspects of your relationship with Schwab, including all transactions between Schwab and you and all products and services now or in the future offered through Schwab. Schwab may rely on your use of Schwab's products and services as evidence of your continued acceptance of the Agreement and Disclosures.

Section 3: Your Representations and Warranties. You represent and warrant that: (a) you are of legal age in the state in which you live and you are authorized to enter into this Agreement; (b) you have supplied accurate information in your Account Application; (c) no one except the Account Holders listed on the Account Application (and if community property is held, the Account Holders' spouses) has an interest in the Account; (d) no additional authorizations from third parties are required for you to open the Account and effect transactions therein; (e) except as you have otherwise indicated on your Account Application or in writing to us, (i) you are not an employee of or affiliated with any securities exchange or member firm of any exchange, the Financial Industry Regulatory Authority (FINRA) or any securities firm, bank, trust company, or insurance company; and (ii) you are not a director, 10% beneficial shareholder, policy-making officer, or otherwise an "affiliate" (as defined in Rule 144 under the Securities Act of 1933) of a publicly traded company; and (f) this Application Agreement, as amended from time to time, is a legal, valid and binding obligation, enforceable against you in accordance with its terms.

Section 4: Account Handling. Schwab will automatically hold all of your securities purchased, sales proceeds, dividends and interest. Schwab will also release your name, address and securities positions to companies in which we hold securities for your Account upon request, unless you notify us otherwise in

writing. If you maintain more than one account at Schwab, you authorize Schwab to transfer assets between your accounts when no written authorization is requested.

Section 5: Responsibility for Investment Decisions. You agree that you and any agent under a power of attorney or Investment Advisor (if you have one) are solely responsible for investment decisions in your Account, including whether to buy or sell a particular security. Unless required by law, or unless Schwab provides advice to you that is clearly identified as an individualized recommendation for you, you understand that Schwab has no obligation to determine whether a particular transaction, strategy, or purchase or sale of a security is in your best interest. Your obligation includes an affirmative duty to monitor and stay informed about your Account and your investments and respond to changes as you deem appropriate. Unless we otherwise agree with you in writing, Schwab does not monitor your account(s) or investments and has no obligation to update an investment recommendation, financial advice, or financial plan we may give you. Such recommendation, financial advice, or financial plan only applies at the point in time we provide it to you. You acknowledge that Schwab does not provide tax or legal advice.

Section 6: Payment of Indebtedness. You agree to make payment of any indebtedness related to your Account, including, but not limited to, any such indebtedness that results from instructions provided to Schwab by you, by your agent or any attorney-in-fact under a power of attorney, or by any Investment Advisor authorized to make transactions in your Account. We may elect anytime, with or without notice, to make any debit balance or other obligation related to your Account immediately due and payable. We may report any past-due account to a consumer and/or securities credit reporting agency. We may also refer your Account to a collection agency.

Section 7: Granting a Lien on Your Accounts. As security for the repayment of all present or future indebtedness owed to us by each Account Holder, each Account Holder grants to us a first, perfected and prior lien on, a continuing security interest in, and right of set-off with respect to, all property that is, now or in the future, held, carried or maintained for any purpose in or through Schwab, and, to the extent of such Account Holder's interest in or through, any present or future account with us or our affiliates in which the Account Holder has an interest. In the event of a breach or default by you under this Agreement, Schwab will have the rights and remedies available to a secured creditor under all applicable laws in addition to the rights and remedies provided in this Agreement. If you owe money to Schwab as the result of activity in your Account and there are assets available in any non-retirement brokerage account that you hold at Schwab which could fully or partially satisfy the debt, you agree that,

upon Schwab's written demand, you will execute all documents necessary to effect a transfer from your non-retirement brokerage account and agree to pay or cause such funds to be paid immediately to Schwab in order to satisfy your indebtedness to Schwab.

Section 8: Liquidations. Whenever it is necessary for our protection or to satisfy a margin deficiency, debit or other obligation owed us, we may (but are not required to) sell, assign and deliver all or any part of the property securing your obligations, or close any or all transactions in your Account. We may choose which property to buy or sell, which transactions to close and the sequence and timing of liquidation. We may take such actions on whatever exchange or market and in whatever manner (including public auction or private sale) that we choose in the exercise of our business judgment. You agree not to hold us liable for the choice of which property to buy or sell or of which transactions to close or for timing or manner of liquidation or any tax consequences from such actions. In certain circumstances we may, at our sole discretion, liquidate your entire margin loan balance to satisfy a margin call. You agree not to hold us liable for taking such action. We may transfer property from any non-retirement brokerage account in which you have an interest to any other brokerage account in which you have an interest, regardless of whether there are other Account Holders on either account, if we determine that your obligations are not adequately secured or to satisfy a margin deficiency or other obligation. You agree to pay on demand any account deficiencies after liquidation, whether liquidation is complete or partial.

All of the above may be done without demand for margin or notice of purchase, sale, transfer or cancellation to you. No demand for margin or notice shall impose on Schwab any obligation to make such demand or provide such notice to you in the future. Any such notice or demand is hereby expressly waived, and no specific demand or notice shall invalidate this waiver.

Section 9: Interest on Debit Balances. We will charge and compound interest on your debit balances (whether in a Margin or Cash Account) according to our Disclosure of Credit Terms and Policies.

Section 10: Borrowing Money and Margin Trading. All margin transactions are subject to our Disclosure of Credit Terms and Policies and our *Margin Disclosure Statement*. You agree not to enter an order for a margin transaction until you have read and understood the Disclosure of Credit Terms and Policies and the Overview and Disclosure Statement.

Section 11: Loan Consent. You agree that property held in your Margin Account, now or in the future, may be borrowed (either separately or together with the property of others) by us (acting as principal) or by others. You agree that

Schwab can receive and retain certain benefits (including, but not limited to, interest on collateral posted for such loans) to which you will not be entitled. You acknowledge that, in certain circumstances, such borrowings could limit your ability to exercise voting rights or receive dividends, in whole or in part, with respect to the property lent. You understand that for property that is lent by Schwab, the dividends paid on such property will go to the borrower. No compensation or other reimbursements will be due to you in connection with such borrowings. However, if you are allocated a substitute payment in lieu of dividends, you understand that such a payment may not be entitled to the same tax treatment as may have been applied to the receipt of a dividend. You agree that Schwab is not required to compensate you for any differential tax treatment between dividends and payments in lieu of dividends. Schwab may allocate payments in lieu of dividends by any mechanism permitted by law, including by using a lottery allocation system.

Section 12: Using the Check and Visa® Debit Card Features.

If you have requested check or Visa Debit Card features through your Account, you authorize checks and Visa Debit Cards to be issued as indicated in your Account Application. You agree that each Account Holder is authorized to write checks and engage in Visa Debit Card transactions, and you understand that if the checking feature is terminated, your Visa Debit Card will be automatically cancelled.

Section 13: Verification. You authorize Schwab to inquire from any source, including a consumer reporting agency, as to your identity (as required by federal law), creditworthiness and ongoing eligibility for the Account of the Account Holders, any other person referred to on this Application, or any person who Schwab is later notified is associated with or has an interest in the Account (as well as such persons' spouses if they live in a community property jurisdiction) at account opening, at any time throughout the life of the Account, and thereafter for debt collection or investigative purposes.

Section 14: Required Arbitration Disclosures. Regulatory authorities require that any brokerage agreement containing a predispute arbitration agreement must disclose that this agreement contains a predispute arbitration clause. This Agreement contains a predispute arbitration clause. By signing an arbitration agreement, the parties agree as follows:

- All parties to this Agreement are giving up the right to sue each other in court, including the right to a trial by jury, except as provided by the rules of the arbitration forum in which a claim is filed.
- Arbitration awards are generally final and binding; a party's ability to have a court reverse or modify an arbitration award is very limited.
- The ability of the parties to obtain documents, witness statements and other discovery is generally more limited in arbitration than in court proceedings.
- The arbitrators do not have to explain the reason(s) for their award unless, in an eligible case, a joint request for an explained decision has been submitted by all parties to the panel at least 20 days prior to the first scheduled hearing date.

- The panel of arbitrators will typically include a minority of arbitrators who were or are affiliated with the securities industry.
- The rules of some arbitration forums may impose time limits for bringing a claim in arbitration. In some cases, a claim that is ineligible for arbitration may be brought in court.
- The rules of the arbitration forum in which the claim is filed, and any amendments thereto, shall be incorporated into this Agreement.

No person shall bring a putative or certified class action to arbitration, nor seek to enforce any predispute arbitration agreement against any person who has initiated in court a putative class action; or who is a member of a putative class who has not opted out of the class with respect to any claims encompassed by the putative class action until:

1. the class certification is denied;
2. the class is decertified; or
3. the customer is excluded from the class by the court.

Such forbearance to enforce an agreement to arbitrate shall not constitute a waiver of any rights under this Agreement except to the extent stated herein.

Section 15: Arbitration Agreement. Any controversy or claim arising out of or relating to (i) this Agreement, any other agreement with Schwab, an instruction or authorization provided to Schwab or the breach of any such agreements, instructions, or authorizations; (ii) the Account, any other Schwab account or Services; (iii) transactions in the Account or any other Schwab account; (iv) or in any way arising from the relationship with Schwab, its parent, subsidiaries, affiliates, officers, directors, employees, agents or service providers ("Related Third Parties"), including any controversy over the arbitrability of a dispute, will be settled by arbitration.

This arbitration agreement will be binding upon and inure to the benefit of the parties hereto and their respective representatives, attorneys-in-fact, heirs, successors, assigns and any other persons having or claiming to have a legal or beneficial interest in the Account, including court-appointed trustees and receivers. This arbitration agreement will also inure to the benefit of third-party service providers that assist Schwab in providing Services ("Third-Party Service Providers") and such Third-Party Service Providers are deemed to be third-party beneficiaries of this arbitration agreement.

The parties agree that this arbitration agreement will apply even if the application to open the Account is denied and will survive the closure of your Account and/or the termination of services rendered under this Agreement.

Such arbitration will be conducted by, and according to the securities arbitration rules and regulations then in effect of, the Financial Industry Regulatory Authority (FINRA) or any national securities exchange that provides a forum for the arbitration of disputes, provided that Schwab is a member of such national securities exchange at the time the arbitration is initiated. Any party may initiate arbitration by filing a written claim with FINRA or such eligible national securities exchange. If arbitration before FINRA or an eligible national securities exchange is unavailable or impossible for any reason,

then such arbitration will be conducted by, and according to the rules and regulations then in effect of, the American Arbitration Association (AAA). If arbitration before the AAA is unavailable or impossible for any reason, the parties agree to have a court of competent jurisdiction appoint three (3) arbitrators to resolve any and all disputes or controversies between or among the parties. Each party shall bear its own initial arbitration costs, which are determined by the rules and regulations of the arbitration forum. In the event of financial hardship, the arbitration forum may waive certain costs in accordance with such rules. At the conclusion of the hearing, the arbitrators will decide how to assess the costs of the arbitration among the parties.

Any award the arbitrator makes shall be final and binding, and judgment on it may be entered in any court having jurisdiction. This arbitration agreement shall be enforced and interpreted exclusively in accordance with applicable federal laws of the United States, including the Federal Arbitration Act. Any costs, fees or taxes involved in enforcing the award shall be fully assessed against and paid by the party resisting enforcement of said award.

For FINRA arbitrations, FINRA will appoint a single public arbitrator in customer cases decided by one arbitrator. In customer cases decided by three arbitrators, investors have the option of choosing an arbitration panel with two public arbitrators and one non-public arbitrator (Majority-Public Panel Rule) or a panel of all public arbitrators (Optional All-Public Panel Rule). If the customer declines to elect a panel selection method in writing by the applicable deadline, the Majority-Public Panel Rule for selecting arbitrators will apply.

All notices from one party to the other involving arbitration shall be considered to have been fully given when so served, mailed by first-class, certified or registered mail, or otherwise given by other commercially accepted medium of written notification.

In addition to the above provisions, if a party to this Agreement is or becomes a non-U.S. resident at the time of any controversy subject to this arbitration agreement, such party acknowledges and agrees to the following additional provisions:

- (1) The rules of the organization administering the arbitration specifically provide for the formal designation of the place at which the arbitration is to be held.
- (2) Entering into this Agreement constitutes consent to submit to the personal jurisdiction of the courts of the state of California, U.S.A., to interpret or enforce any or all of these arbitration provisions. Judgment on any arbitration award may be entered in any court having jurisdiction, or application may be made to such court for judicial acceptance of the award and an order of enforcement, as the case may be.
- (3) The exclusive language to be used by the parties and the arbitrators in the arbitration proceedings shall be English. Any party wishing an interpreter shall make all arrangements directly with the interpreter and shall assume all costs of the service.
- (4) If a party is a foreign government or state, state-owned or state-operated enterprise or

other instrumentality of a foreign government or state, such party waives all rights of sovereign immunity and neither the Federal Act of State doctrine nor the doctrine of sovereign immunity shall apply insofar as any enforcement in courts located in the U.S.A. is concerned.

Section 16: Electronic Copies. The electronically stored copy of your (or your agent's) signature, any written instructions or authorizations, the Account Application and the Agreement and Disclosures are considered to be the true, complete, valid, authentic and enforceable record, admissible in judicial, administrative or arbitration proceedings to the same extent as if the documents and records were originally generated and maintained in printed form. You agree to not contest the admissibility or enforceability of Schwab's electronically stored

copy of such documents in any proceeding between you and Schwab.

Section 17: Float. You agree that Schwab will retain as compensation for services your Account's proportionate share of any interest earned on aggregate cash balances held in Schwab's bank account with respect to (1) assets awaiting investment or (2) assets pending distribution from your Account. Such interest retained by Schwab shall generally be at money market rates. Schwab's receipt of such compensation is further described in the Agreements and Disclosures.

Section 18: Unclaimed Property. If no activity occurs in the Account within the time period specified by applicable state law, the Account may be transferred to the appropriate state.

Section 19: Information About SIPC. To obtain information about the Securities Investor

Protection Corporation (SIPC), including an explanatory SIPC brochure, please contact SIPC at www.sipc.org or 1-202-371-8300.

Section 20: Impartial Lottery for Securities Subject to Partial Call or Partial Redemption. If Schwab holds securities for you in street name, in Schwab's name, or in bearer form that are subject to partial call or partial redemption, then in the case of a partial call or partial redemption Schwab will use an impartial lottery system to select the securities to be called or redeemed from among accounts holding those securities. For a description of Schwab's lottery system, please visit www.schwab.com/PartialCalls. If you would like a printed description of Schwab's lottery system mailed to you, please contact a Schwab representative at 1-800-435-4000.

This Agreement relates to your Account and is part of the Account Agreement between each Account Holder and Charles Schwab & Co., Inc. ("Schwab"). Please read and retain for your files.

Section 1: Scope of Agreement. Your agreement with Schwab consists of the terms set forth in this Application Agreement and the terms set forth in the *Schwab Global Account Agreement*, which incorporates the *Charles Schwab Pricing Guide* and a number of other important disclosures. The *Schwab Global Account Agreement* is provided with this Application or at the opening of your Account. You agree to contact Schwab if you do not receive the *Schwab Global Account Agreement*. In addition, you may in the future receive from Schwab supplemental terms or disclosures that pertain to certain account types, service features and benefit packages. These supplemental terms and disclosures, this Application Agreement and the *Schwab Global Account Agreement* are collectively referred to as the "Agreement and Disclosures." You agree to read the Agreement and Disclosures carefully and retain copies for your records.

Section 2: Acceptance of Agreement and Disclosures. You agree that the Agreement and Disclosures govern all aspects of your relationship with Schwab, including all transactions between Schwab and you and all products and services now or in the future offered through Schwab. Schwab may rely on your use of Schwab's products and services as evidence of your continued acceptance of the Agreement and Disclosures.

Section 3: Your Representations and Warranties. You represent and warrant that: (a) you are of legal age in the state in which you live and you are authorized to enter into this Agreement; (b) you have supplied accurate information in your Account Application; (c) no one except the Account Holders listed on the Account Application (and, if community property is held, the Account Holders' spouses) has an interest in the Account; (d) no additional authorizations from third parties are required for you to open the Account and effect transactions therein; (e) except as you have otherwise indicated on your Account Application or in writing to us, (i) you are not an employee of or affiliated with any securities exchange or member firm of any exchange, the Financial Industry Regulatory Authority (FINRA) or any securities firm, bank, trust company, or insurance company; and (ii) you are not a director, 10% beneficial shareholder, policy-making officer, or otherwise an "affiliate" (as defined in Rule 144 under the Securities Act of 1933) of a publicly traded company; and (f) this Application Agreement, as amended from time to time, is a legal, valid and binding obligation, enforceable against you in accordance with its terms.

Section 4: Account Handling. Schwab will automatically hold all of your securities purchased, sales proceeds and dividends. Schwab will also release your name, address and securities positions to companies in which we hold securities for your Account upon request, unless you notify us otherwise in

writing. If you maintain more than one account at Schwab, you authorize Schwab to transfer assets between your accounts when no written authorization is requested.

Section 5: Responsibility for Investment Decisions. You agree that you and any agent under a power of attorney, or Investment Advisor (if you have one) are solely responsible for investment decisions in your Account, including whether to buy or sell a particular security. Unless required by law, or unless Schwab provides advice to you that is clearly identified as an individualized recommendation for you, you understand that Schwab has no obligation to determine whether a particular transaction, strategy, or purchase or sale of a security is in your best interest. Your obligation includes an affirmative duty to monitor your Account for profits and losses, to stay informed about your Account and your investments, and respond to changes as you deem appropriate. Unless we otherwise agree with you in writing, Schwab does not monitor your account(s) or investments and has no obligation to update an investment recommendation, financial advice, or financial plan we may give you. Such recommendation, financial advice, or financial plan only applies at the point in time we provide it to you.

You acknowledge that Schwab does not provide tax or legal advice.

Section 6: Payment of Indebtedness. You agree to make payment of any indebtedness related to your Account, including, but not limited to, any such indebtedness that results from instructions provided to Schwab by you, by your agent or any attorney-in-fact under a power of attorney, or by any Investment Advisor authorized to make transactions in your Account. We may elect anytime, with or without notice, to make any debit balance or other obligation related to your Account immediately due and payable. We may report any past-due account to a consumer and/or securities credit reporting agency. We may also refer your Account to a collection agency.

Section 7: Granting a Lien on Your Accounts. As security for the repayment of all present or future indebtedness owed to us by each Account Holder, each Account Holder grants to us a first, perfected and prior lien on, a continuing security interest in, and right of set-off with respect to, all property that is, now or in the future, held, carried or maintained for any purpose in or through Schwab, and, to the extent of such Account Holder's interest in or through, any present or future account with us or our affiliates in which the Account Holder has an interest. In the event of a breach or default by you under this Agreement, Schwab will have the rights and remedies available to a secured creditor under all applicable laws in addition to the rights and remedies provided in this Agreement. If you owe money to Schwab as the result of activity in your Account and there are assets available in any non-retirement brokerage account that you hold at Schwab which could

fully or partially satisfy the debt, you agree that, upon Schwab's written demand, you will execute all documents necessary to effect a transfer from your non-retirement brokerage account and agree to pay or cause such funds to be paid immediately to Schwab in order to satisfy your indebtedness to Schwab.

Section 8: Liquidations. Whenever it is necessary for our protection or to satisfy a debit or other obligation owed us, we may (but are not required to) sell, assign and deliver all or any part of the property securing your obligations, or close any or all transactions in your Schwab Global Account. We may choose which property to buy or sell, which transactions to close and the sequence and timing of liquidation. We may take such actions on whatever exchange or market and in whatever manner (including public auction or private sale) that we choose in the exercise of our business judgment. You agree not to hold us liable for the choice of which property to buy or sell or of which transactions to close or for timing or manner of liquidation or any tax consequences from such actions.

We may transfer property from any non-retirement brokerage account in which you have an interest to any other brokerage account in which you have an interest, regardless of whether there are other Account Holders on either account, if we determine that your obligations are not adequately secured or to satisfy an outstanding obligation. You agree to pay on demand any account deficiencies after liquidation, whether liquidation is complete or partial.

All of the above may be done without prior notice to you. No notice shall impose on Schwab any obligation to make such demand or provide such notice to you in the future. Any such notice or demand is hereby expressly waived, and no specific demand or notice shall invalidate this waiver.

Section 9: Loan Consent. You agree that property held in your Schwab Global Account, now or in the future, may be borrowed (either separately or together with the property of others) by us (acting as principal) or by others. You agree that Schwab can receive and retain certain benefits (including, but not limited to, interest on collateral posted for such loans) to which you will not be entitled. You acknowledge that, in certain circumstances, such borrowings could limit your ability to exercise voting rights or receive dividends, in whole or in part, with respect to the property lent. You understand that for property that is lent by Schwab, the dividends paid on such property will go to the borrower. No compensation or other reimbursements will be due to you in connection with such borrowings. However, if you are allocated a substitute payment in lieu of dividends, you understand that such a payment may not be entitled to the same tax treatment as may have been applied to the receipt of a dividend. You agree that Schwab is not required to compensate you for any

differential tax treatment between dividends and payments in lieu of dividends. Schwab may allocate payments in lieu of dividends by any mechanism permitted by law, including by using a lottery allocation system.

Section 10: Verification. You authorize Schwab to inquire from any source, including a consumer reporting agency, as to your identity (as required by federal law), creditworthiness and ongoing eligibility for the Account of the Account Holders, any other person referred to on this Application, or any person who Schwab is later notified is associated with or has an interest in the Account (as well as such persons' spouses if they live in a community property jurisdiction) at account opening, at any time throughout the life of the Account, and thereafter for debt collection or investigative purposes.

Section 11: Required Arbitration Disclosures. Regulatory authorities require that any brokerage agreement containing a predispute arbitration agreement must disclose that this agreement contains a predispute arbitration clause. This Agreement contains a predispute arbitration clause. By signing an arbitration agreement, the parties agree as follows:

- All parties to this Agreement are giving up the right to sue each other in court, including the right to a trial by jury, except as provided by the rules of the arbitration forum in which a claim is filed.
- Arbitration awards are generally final and binding; a party's ability to have a court reverse or modify an arbitration award is very limited.
- The ability of the parties to obtain documents, witness statements and other discovery is generally more limited in arbitration than in court proceedings.
- The arbitrators do not have to explain the reason(s) for their award unless, in an eligible case, a joint request for an explained decision has been submitted by all parties to the panel at least 20 days prior to the first scheduled hearing date.
- The panel of arbitrators will typically include a minority of arbitrators who were or are affiliated with the securities industry.
- The rules of some arbitration forums may impose time limits for bringing a claim in arbitration. In some cases, a claim that is ineligible for arbitration may be brought in court.
- The rules of the arbitration forum in which the claim is filed, and any amendments thereto, shall be incorporated into this Agreement.

No person shall bring a putative or certified class action to arbitration, nor seek to enforce any predispute arbitration agreement against any person who has initiated in court a putative class action; or who is a member of a putative class who has not opted out of the class with respect to any claims encompassed by the putative class action until:

1. the class certification is denied;
2. the class is decertified; or
3. the customer is excluded from the class by the court.

Such forbearance to enforce an agreement to arbitrate shall not constitute a waiver of any rights under this Agreement except to the extent stated herein.

Section 12: Arbitration Agreement. Any controversy or claim arising out of or relating to (i) this Agreement, any other agreement with Schwab, an instruction or authorization provided to Schwab or the breach of any such agreements, instructions, or authorizations; (ii) the Account, any other Schwab account or Services; (iii) transactions in the Account or any other Schwab account; (iv) or in any way arising from the relationship with Schwab, its parent, subsidiaries, affiliates, officers, directors, employees, agents or service providers ("Related Third Parties"), including any controversy over the arbitrability of a dispute, will be settled by arbitration.

This arbitration agreement will be binding upon and inure to the benefit of the parties hereto and their respective representatives, attorneys-in-fact, heirs, successors, assigns and any other persons having or claiming to have a legal or beneficial interest in the Account, including court-appointed trustees and receivers. This arbitration agreement will also inure to the benefit of third-party service providers that assist Schwab in providing Services ("Third-Party Service Providers") and such Third-Party Service Providers are deemed to be third-party beneficiaries of this arbitration agreement.

The parties agree that this arbitration agreement will apply even if the application to open the Account is denied and will survive the closure of your Account and/or the termination of services rendered under this Agreement.

Such arbitration will be conducted by, and according to the securities arbitration rules and regulations then in effect of, the Financial Industry Regulatory Authority (FINRA) or any national securities exchange that provides a forum for the arbitration of disputes, provided that Schwab is a member of such national securities exchange at the time the arbitration is initiated. Any party may initiate arbitration by filing a written claim with FINRA or such eligible national securities exchange. If arbitration before FINRA or an eligible national securities exchange is unavailable or impossible for any reason, then such arbitration will be conducted by, and according to the rules and regulations then in effect of, the American Arbitration Association (AAA). If arbitration before the AAA is unavailable or impossible for any reason, the parties agree to have a court of competent jurisdiction appoint three (3) arbitrators to resolve any and all disputes or controversies between or among the parties. Each party shall bear its own initial arbitration costs, which are determined by the rules and regulations of the arbitration forum. In the event of financial hardship, the arbitration forum may waive certain costs in accordance with such rules. At the conclusion of the hearing, the arbitrators will decide how to assess the costs of the arbitration among the parties.

Any award the arbitrator makes shall be final and binding, and judgment on it may be entered in any court having jurisdiction. This arbitration agreement shall be enforced and interpreted exclusively in accordance with applicable federal laws of the United States, including the Federal Arbitration Act. Any costs, fees or taxes involved in enforcing the award shall be fully assessed against and paid by the party resisting enforcement of said award.

For FINRA arbitrations, FINRA will appoint a single public arbitrator in customer cases decided by one arbitrator. In customer cases

decided by three arbitrators, investors have the option of choosing an arbitration panel with two public arbitrators and one non-public arbitrator (Majority-Public Panel Rule) or a panel of all public arbitrators (Optional All-Public Panel Rule). If the customer declines to elect a panel selection method in writing by the applicable deadline, the Majority-Public Panel Rule for selecting arbitrators will apply.

All notices from one party to the other involving arbitration shall be considered to have been fully given when so served, mailed by first-class, certified or registered mail, or otherwise given by other commercially accepted medium of written notification.

In addition to the above provisions, if a party to this Agreement is or becomes a non-U.S. resident at the time of any controversy subject to this arbitration agreement, such party acknowledges and agrees to the following additional provisions:

- (1) The rules of the organization administering the arbitration specifically provide for the formal designation of the place at which the arbitration is to be held.
- (2) Entering into this Agreement constitutes consent to submit to the personal jurisdiction of the courts of the state of California, U.S.A., to interpret or enforce any or all of these arbitration provisions. Judgment on any arbitration award may be entered in any court having jurisdiction, or application may be made to such court for judicial acceptance of the award and an order of enforcement, as the case may be.
- (3) The exclusive language to be used by the parties and the arbitrators in the arbitration proceedings shall be English. Any party wishing an interpreter shall make all arrangements directly with the interpreter and shall assume all costs of the service.
- (4) If a party is a foreign government or state, state-owned or state-operated enterprise or other instrumentality of a foreign government or state, such party waives all rights of sovereign immunity and neither the Federal Act of State doctrine nor the doctrine of sovereign immunity shall apply insofar as any enforcement in courts located in the U.S.A. is concerned.

Section 13: Electronic Copies. The electronically stored copy of your (or your agent's) signature, any written instructions or authorizations, the Account Application and the Agreement and Disclosures are considered to be the true, complete, valid, authentic and enforceable record, admissible in judicial, administrative or arbitration proceedings to the same extent as if the documents and records were originally generated and maintained in printed form. You agree to not contest the admissibility or enforceability of Schwab's electronically stored copy of such documents in any proceeding between you and Schwab.

Section 14: Float. You agree that Schwab will retain as compensation for services your Account's proportionate share of any interest earned on aggregate cash balances held in Schwab's bank account with respect to (1) assets awaiting investment or (2) assets pending distribution from your Account. Such interest retained by Schwab shall generally be at money market rates. Schwab's receipt of such

compensation is further described in the Agreements and Disclosures.

Section 15: Unclaimed Property. If no activity occurs in the Account within the time period specified by applicable state law, the Account may be transferred to the appropriate state.

Section 16: Information About SIPC. To obtain information about the Securities Investor Protection Corporation (SIPC), including an

explanatory SIPC brochure, please contact SIPC at www.sipc.org or 1-202-371-8300.

Section 17: Impartial Lottery for Securities Subject to Partial Call or Partial Redemption.

If Schwab holds securities for you in street name, in Schwab's name, or in bearer form that are subject to partial call or partial redemption, then in the case of a partial call or partial redemption Schwab will use an impartial lottery system to

select the securities to be called or redeemed from among accounts holding those securities.

For a description of Schwab's lottery system, please visit www.schwab.com/PartialCalls. If you would like a printed description of Schwab's lottery system mailed to you, please contact a Schwab representative at 1-800-435-4000.

CLIENT COPY

Schwab Global Account™—Acknowledgment of Obligations and Risks of Investing in Global Securities Traded on Foreign Exchanges

Investing in securities traded on foreign exchanges entails a higher level of risk than investing in domestic securities or on U.S. exchanges. The following information does not disclose all of the risks associated with trading global securities, but it does cover some things you should consider prior to investing in, or authorizing someone else to invest in, global securities in your Schwab Global Account. By applying for a Schwab Global Account and prior to entering any trades in your Schwab Global Account, you represent that you understand these risks and potential tax consequences and have determined that this form of investing is suitable for you, considering your financial situation and investment objectives. You also acknowledge and agree that:

- You are aware of and understand the obligations and risks set forth below;
- You, and not Schwab, are solely responsible for complying with, and will comply with, all applicable laws and regulations, including, but not limited to, those set herein;
- You will obtain your own independent legal advice with respect to any obligations or risks set forth below before acquiring shares in any foreign listed company through your Schwab Global Account;
- You agree to deliver, at Schwab's request and in Schwab's sole discretion, any information about your activities in your Schwab Global Account or about foreign listed securities held by you, your immediate family members or entities controlled by you, whether held at Schwab or elsewhere, as required to comply with applicable law or regulation or with a request by a foreign regulatory authority.
- Schwab does not provide legal, tax or discretionary investment advice with respect to your Schwab Global Account or any assets held in your Schwab Global Account;
- You will indemnify and hold Schwab harmless from any violation or breach of any foreign law or regulation as a result of or in connection with your Schwab Global Account.

Foreign Disclosure Requirements

Foreign stock exchanges and regulatory authorities require that you report, and in some

cases seek pre-approval for, acquiring ownership in foreign listed securities above certain thresholds or in certain industries. It is solely your responsibility to ensure that you will, at all times, comply with all applicable laws, obligations and restrictions in each of the jurisdictions in which you purchase and sell securities. Prior to placing any trades in your Schwab Global Account, you agree that you are aware of and understand the legal implications of purchasing or selling securities in any foreign country and the potential disclosure requirements therein, and that you have obtained your own legal and tax advice.

Political, Regulatory, and Social Risks

Foreign governments can be less stable than the government of the United States; this can pose a risk to your investment. Foreign governments can also be more restrictive when it comes to a company's business operations and ability to earn profits. A country's financial policies may negatively impact the prospect for growth. A country with significant outstanding debt may raise taxes and reduce spending, which could affect corporate profits. Social events or civil unrest can also pose the risk that prices of securities might fall. As a result, it is important to research the country, and the company, as you make investment decisions. Certain foreign exchanges do not maintain the same level of regulatory oversight that U.S. markets are subject to. Settlement periods and standards may vary by exchange.

Trading Restrictions and Market Operations

Foreign stock markets often operate differently from U.S. markets. For example, there may be different periods for clearance and settlement of securities transactions, and investments in foreign securities may be subject to trading restrictions and fees not usually encountered in the United States. Governments, foreign stock exchanges, markets and/or individual securities may impose specific restrictions that prohibit or limit trading by individuals or entities. There may be no centralized trading or settlement. There may be variances in quoting conventions. Transaction costs may vary or may be unclear. Certain markets may impose restrictions regarding repatriation of monies or limit certain

investment activities. You understand that Schwab is not responsible for notifying you of each country's specific requirements and that Schwab may limit, modify or reject your activity based upon such requirements. You understand that you should conduct appropriate due diligence to learn any specific limitations and obligations applicable to you in any country in which you intend to trade.

Quality of Information

The ability to find timely and accurate information may be more difficult in international investing. The differences in accounting standards can make comparisons to U.S. companies challenging. For example, the International Accounting Standards used by most foreign companies can differ substantially from the Generally Accepted Accounting Principles (GAAP) that govern financial reporting by U.S. companies.

Currency Fluctuation

There is a possibility that the currency of your investment will fall relative to the U.S. dollar; this will lower the return once it is translated back into dollars.

Illiquidity

Some international markets can be less liquid, and hence more volatile. This can result in rapid price swings and the potential that securities will not be able to be purchased or sold.

Tax Reporting and Other Potential Tax-Related Consequences

Investing in global securities traded on foreign exchanges may result in tax liability or tax reporting obligations, both to U.S. and foreign taxing authorities, that may not occur when investing in U.S. markets. You may be eligible for reduced tax rates in certain foreign jurisdictions, but it is solely your responsibility, and not Schwab's, to comply with all requirements and prerequisites for obtaining such reduced rates and seeking refunds of amounts already paid or withheld. Operational limitations in your Schwab Global Account may prevent you from obtaining the benefit of such reduced tax rates in some jurisdictions. Schwab does not provide tax advice. Please consult with your tax advisor prior to placing trades in your Schwab Global Account.

Schwab Global Account™—Acknowledgment of Risks of Trading Foreign Currency

Investors who are considering participating in the foreign currency exchange (or “forex”) market need to understand fully the market and its unique characteristics. **Forex trading can be very risky and is not appropriate for all investors.**

There are inherent risks associated with forex trading. The following information is not intended to disclose all of the risks associated with forex trading; however, it is intended to address potential risks that should be considered prior to purchasing, or authorizing someone else to purchase, a foreign currency in your Schwab Global Account. You should carefully consider your financial situation and whether such trading is suitable for you in light of your financial condition, risk tolerance and understanding of foreign markets. By applying for a Schwab Global Account and prior to entering any trades in your Schwab Global Account, you represent that you understand these risks and potential tax consequences and have determined that this form of investing is suitable for you, considering your financial situation and investment objectives.

The Risk of Loss in Foreign Currency Trading Can Be Substantial

Individual investors who are considering participating in the foreign currency exchange (or “forex”) market should fully understand the market and its unique characteristics. Forex trading can be very risky and is not appropriate for all investors. The only funds that you should put at risk when speculating in foreign currency are those funds that you can afford to lose entirely, and you should always be aware that certain strategies may result in your losing even more money than the amount of your initial investment.

Quoting Conventions Are Not Uniform

While many currencies are typically quoted against the U.S. dollar (that is, one dollar purchases a specified amount of foreign currency), there are no required uniform quoting conventions in the forex market. Some currencies may be quoted in the reverse, meaning, for example, that one British pound purchases a specified amount of U.S. dollars (GBP/USD). Therefore, you should pay special attention to the currency’s quoting convention and what an increase or decrease in a quote may mean for your trades.

Pay Attention to Transaction Costs

Schwab will add (or subtract) a commission equivalent or markup to the purchase price (or sales proceeds) when you purchase or sell a foreign currency. A breakdown of the actual fees included in any foreign currency transaction is available upon request. For more information about transaction costs, you can contact a Global Investing Specialist at 1-800-992-4685, visit Schwab.com, or consult the pricing guide that accompanied your Schwab Global Account welcome package. **Transaction costs can turn profitable trades into unprofitable trades.** For certain currencies and currency pairs, transaction costs can be relatively large. If you are frequently trading in and out of a currency, these costs can, in some circumstances, turn what might have been profitable trades into losing transactions.

Volatility

Currency prices may be highly volatile. Price movements for currencies are influenced by, among other things: changing supply and demand; trade, fiscal, monetary, and exchange control policies of governments; U.S. and foreign political and economic events; changes in national and international interest rates and inflation; currency devaluation; and sentiment of the marketplace. None of these factors can be

controlled by you or any investment advisor, and no assurance can be given that you will not incur losses from such events.

Illiquidity

Under certain market conditions, you may find it difficult or impossible to liquidate your currency position. For example, this can occur when a currency is deregulated or fixed trading bands are widened. Certain currencies may not be available to transact through Schwab. Exchange practices, including currency controls, may change from time to time without notice to you. As a result, it is important that you understand the practices in the foreign markets in which you trade.

Trading Systems May Not Operate as Intended

Though it is possible to buy and hold a currency if you believe in its long-term appreciation, many trading strategies capitalize on small, rapid moves in the currency markets. If you intend to implement one of the many trading strategies that capitalize on small, rapid moves in the currency market, please note that our systems may not be able to support extreme speeds.

Exchange Rate Risks

To the extent that you hold all or a portion of your cash assets in currencies other than the U.S. dollar, **you may suffer currency losses from unfavorable exchange rate movements that reduce the value of your cash assets as measured against the dollar.** These potential losses could leave you without sufficient cash to pay planned expenses or other liabilities.

Negative Interest Rate Environment

To the extent that you hold a foreign currency in your Schwab Global Account that is paying a negative interest rate, Schwab may be charged interest to hold that currency. If that occurs, Schwab reserves the right to charge your Account, with no additional markup, the amount of interest charged to Schwab.

Add Account Holder to Schwab Bank High Yield Investor Checking® Account Terms

These terms relate to your account and are part of the *Schwab Bank Deposit Account Agreement* between each account holder and Charles Schwab Bank, SSB (“Schwab Bank”). Please read and retain for your files.

High Yield Investor Checking Account Terms

These account terms are an agreement between Schwab Bank (the “Bank”) and each account holder for a High Yield Investor Checking account. “I,” “me” and “my” refer to each account holder. I:

- (1) certify that I am of the age of majority in the state in which I live, that I am legally authorized to enter into this agreement, and that the personal information provided in this Application, and during the application process, is true and correct;
- (2) acknowledge that the Bank will provide me with the following documents before account opening or before a service is provided: (a) the *Schwab Bank Deposit Account Agreement*, which contains an arbitration provision and the terms and conditions for the Schwab Bank Bill Pay service; (b) Schwab Bank’s *A Commitment to Your Privacy*; (c) *Important Privacy Choice for Consumers*, for California residents only; and (d) the *Schwab Bank Deposit Account Pricing Guide*;
- (3) acknowledge that if the Application is approved, each account holder will receive a Visa® Platinum Debit Card once the account is funded and the *Visa Debit Card Agreement*, which contains the terms and conditions that apply to this card;
- (4) acknowledge that, unless I specifically stated otherwise, I will be enrolled in the Schwab Bank Bill Pay service;
- (5) agree to be subject to the terms and conditions of all documents associated with my High Yield Investor Checking account upon account opening, and acknowledge that the Bank advises me to read all the disclosure documents prior to opening or using my account;
- (6) acknowledge that my High Yield Investor Checking account is linked with my brokerage account maintained at Charles Schwab & Co., Inc., a registered broker-dealer, and I authorize Charles Schwab & Co., Inc. to follow the instructions set forth in this Application, if applicable;
- (7) authorize the Bank to initiate a one-time debit entry (or credit entry in case of error) to the institution and account specified by my attached voided check or savings account deposit slip, electronically or by other commercially accepted method, to initially fund my High Yield Investor Checking account; I certify that the information provided on the voided check or savings account deposit slip is correct and that I am authorized to transfer funds from the specified account; I also understand that the owners listed on the specified account that will be debited must match the owners of my High Yield Investor Checking account;
- (8) authorize the Bank to inquire from any source, including a consumer reporting agency, as to my identity (as required by federal law), creditworthiness and ongoing eligibility for the account and other information at account opening, at any time throughout the life of the account, and thereafter for debt collection or investigative purposes; and
- (9) understand if no activity occurs in the account within the time period specified by applicable state law, the account may be transferred to the appropriate state.

Margin Disclosure Statement

www.schwab.com | 1-800-435-4000 (inside the U.S.) international.schwab.com | +1-415-667-8400 (outside the U.S.)

- This is important information regarding margin borrowing, if you have requested the margin feature on your brokerage account.
- Please retain this document for your files.
- When using margin, please keep these important rules and conditions in mind.
- A complete list of terms and conditions pertaining to margin trading and short selling, including credit terms and policies, can be found in the Account Agreement. The Account Agreement will be provided to you after account opening or you can access it at any time on our website or by calling us. Please read this important document before opening a margin account.
- For questions regarding margin borrowing, please contact us at the numbers listed above. For clients of independent investment advisors, please call your advisor directly or call Schwab Alliance at 1-800-515-2157.

When considering a margin loan, you should determine how the use of margin fits your own investment philosophy. It is important that you fully understand the risks, rules, and requirements involved in trading securities on margin.

The following paragraphs highlight some of the critical aspects of margin trading:

Margin trading increases your level of market risk. Margin trading increases your buying power, allowing you to purchase a greater amount of securities with your investing dollar. Therefore, your exposure to market volatility increases—a declining market could result in even greater losses. *A decline in the value of your securities that you purchase on margin can require you to provide additional funds to Schwab in order to avoid the forced sale of those securities or other securities in your account.*

Your downside is not limited to the collateral value in your margin account. When you buy securities on margin, you are borrowing money from Schwab for part of your transactions. Securities and other assets in your Schwab account(s) are pledged as collateral to secure this loan. These margin transactions are riskier and involve the possibility of greater loss than transactions where you are not borrowing money. If the securities in your account decline in value, so does the value of the collateral supporting your loan. When the value of the collateral falls below the maintenance margin requirements, or Schwab's higher "house" requirements, Schwab can move to protect its position. In order to cover margin deficiencies, Schwab may issue you a margin call—a request for additional cash—or sell securities from your account. If a sale does not cover the deficiency, you will be responsible for any shortfall.

Schwab may initiate the sale of any securities in your account, without contacting you, to meet a margin call. Schwab will attempt to involve you in the case of margin deficiency; however, market conditions can require the firm to quickly sell any of your securities without your consent. Because the securities are collateral for the margin loan, Schwab has the right to decide which security to sell in order to protect its interests. Even if Schwab has contacted you and provided a specific date by which you can meet a margin call, the firm can still take necessary steps to protect its financial interests, including immediately selling the securities without prior notice to you.

Schwab's "house" initial and maintenance margin requirements may exceed those established by the Federal Reserve Board and/or the Financial Industry Regulatory Authority, Inc. Please call Schwab for current margin requirements.

Schwab retains the right to change its initial margin requirements at any time and without prior notice. We may also impose anytime and without prior notice more stringent requirements on positions that in our sole discretion involve higher levels of risk; for example, higher limits may apply for thinly traded, speculative or volatile securities, or concentrated positions of securities.

Schwab may increase its "house" maintenance margin requirements at any time and is not required to provide you with advance written notice. Changes in Schwab's policy regarding "house" maintenance margin requirements often take effect immediately and can result in the issuance of a maintenance margin call. Your failure to satisfy the call may cause Schwab to liquidate or sell securities in your account.

Schwab retains absolute discretion to determine whether, when and in what amounts we will require additional collateral. For example, we can require additional collateral if an account contains only one security or a large concentration of one or more securities; or low-priced, thinly traded or volatile securities; or if some of your collateral is or becomes restricted or non-negotiable or non-marginable. We may also consider market conditions, your financial resources, or other factors deemed by us to be relevant given the circumstances at the time.

You are not entitled to an extension of time on a margin call. While an extension of time to meet margin requirements might be available to customers under certain conditions, a customer does not have a right to the extension.

Some accounts that carry a margin loan balance and hold dividend-paying securities may receive a "substitute income payment in lieu of a dividend" (PIL). This payment may be taxable as ordinary income. Taxable accounts that receive a PIL instead of a qualified dividend may also receive a supplemental credit from Schwab. This will be identified on customer statements as a "Schwab substitute income credit." However, when Schwab can identify that a dividend is nonqualified, we will not credit your account with this additional payment.

- This credit is NOT "payment in lieu," and is unrelated to any payment from either the security issuer or the borrower.
- It is a discretionary credit from Schwab which may be discontinued in the future with or without notice.*
- It may be subject to tax at your ordinary income tax rate. Please consult your tax advisor about your specific tax situation.
- Because individual tax situations differ, Schwab cannot precisely calculate the additional tax costs a client might incur. Therefore, we do not intend, nor should clients expect, for this payment to be an exact reimbursement of any excess tax cost.

*Please refer to the "Loan Consent" section of your Account Agreement which states that no compensation is due in connection with such loans and that Schwab "is not required to compensate you for any differential tax treatment between dividends and payments in lieu of dividends."

Regulation E: Electronic Funds Transfer Disclosure

- This disclosure applies to your account if you elected to fund your Schwab One® account using Schwab MoneyLink® to initiate a one-time electronic funds transfer from your checking or savings account at another financial institution.
- A complete Electronic Funds Transfer Disclosure statement applicable to each account will be provided to you with your account agreements after account opening.
- Unless otherwise noted, throughout this disclosure “we,” “us,” and “our” refer to Charles Schwab & Co., Inc. (“Schwab”).

Business Days. Schwab’s business days are Monday through Friday, excluding U.S. stock exchange holidays and U.S. banking holidays. If a funds transfer is scheduled for a day other than a business day, we will make it on the following business day.

Consumer’s Liability for Unauthorized Transfers. Tell us at once if you believe an unauthorized person has transferred or may transfer money from your account without your permission. You can notify us by calling or writing Customer Service:

- **By phone, in the U.S.:** Call us toll-free at 1-800-421-4488, Monday through Friday, from 10:00 a.m. to 7:00 p.m. ET.
- **By phone, outside the U.S.:** International clients, call us at +1-415-667-8400. Swiss residents, call us at 0800-563711.
- **By mail, from all locations:** Charles Schwab & Co., Inc., IS Document Control, P.O. Box 982600, El Paso, TX 79998-2600

Telephoning immediately is the best way of minimizing your possible losses.

Losses could include the money in your account. If unauthorized activity occurs, you agree to cooperate during the investigation and to complete any report or affidavit we may request.

Also, if your statement shows transfers that you didn’t make or authorize, tell us at once. If you do not tell us within 60 days after the statement was mailed to you, you may not get back any money you lost after the 60 days if we can prove that we could have stopped someone from taking the money if you had told us in time. If a good reason kept you from telling us (such as a long trip or hospital stay), we will extend the time periods.

Disclosure of Account Information. We may disclose your name and/or information about your account or your transactions to our agents and affiliates in order to facilitate your transfer requests. We may also disclose such information to third parties in certain circumstances, which may include: (a) to banks and other entities that are involved with the products or services we offer or arrange on behalf of customers; (b) when it’s requested by a third party to complete a transaction; (c) to verify the existence or condition of your account for a credit bureau or merchant; (d) to comply with a subpoena, court order or request from a government agency or law enforcement authority; (e) to evaluate your creditworthiness or our ability to collect any debt you owe us; or (f) if you give us your permission.

In addition, Schwab may disclose such information (a) to mutual funds that are involved with the products or services we offer or arrange on behalf of customers and (b) pursuant to Rule 14b-1 under the Securities and Exchange Act of 1934, to companies in which you hold securities, unless we receive your written objection.

Periodic Statements. Schwab will send you a monthly account statement for your Schwab One brokerage account unless there are no transfers in a particular month. In any case, you will get the statement at least quarterly.

All electronic funds transfers posted to your account during the month are listed on your statement.

Our Liability for Failure to Make Transfers. If we do not complete a transfer to or from your account on time or in the correct amount according to our agreement with you, we will be liable for your losses or damages. However, there are some exceptions. We are not liable, for instance, if:

- Through no fault of ours, you do not have enough money in your account to make the transfer.
- Your account is restricted (because of a court order or similar reason), and we are not permitted to make the transaction.
- Circumstances beyond our control (such as fire or flood) prevent the transfer, despite reasonable precautions that we have taken.
- Any Automated Clearing House network or other third-party communication system from which we require information to complete transactions was not working properly.

There may be other exceptions permitted by law.

In Case of Errors or Questions About Your Electronic Funds Transfers. If you think your statement is wrong or if you need more information about a transfer listed on the statement, call or write us as soon as you can:

- **By phone, in the U.S.:** Call us toll-free at 1-800-421-4488, Monday through Friday, from 10:00 a.m. to 7:00 p.m. ET.
- **By phone, outside the U.S.:** International clients, call us at +1-415-667-8400. Swiss residents, call us at 0800-563711.
- **By mail, from all locations:** Charles Schwab & Co., Inc., IS Document Control, P.O. Box 982600, El Paso, TX 79998-2600

We must hear from you no later than 60 days after we sent the FIRST statement on which the problem or error appeared.

We need the following information:

- Your name and account number,
- A description of the error or the transfer you are unsure about,
- A clear explanation of why you believe it is an error or why you need more information, and
- The dollar amount of the suspected error.

If you tell us orally, we may require that you send us your complaint or question in writing within 10 business days.

We will determine whether an error occurred within 10 business days after we hear from you and will correct any error promptly. If we need more time, however, we may take up to 45 days to investigate your complaint or question. If we decide to do this, we will credit your account within 10 business days for the amount you think is in error so that you will have the use of the money during the time it takes us to complete our investigation. If we ask you to put your complaint or question in writing and we do not receive it within 10 business days, we may not credit your account.

For errors involving new accounts, point-of-sale or foreign-initiated transactions, we may take up to 90 days to investigate your complaint or question. For new accounts, we may take up to 20 business days to credit your account for the amount you think is in error.

We will tell you the results within three business days after completing our investigation. If we decide that there was no error, we will send you a written explanation.

You may ask for copies of the documents that we used in our investigation.

Cash Features Program

General Terms and Conditions

The automatic investment of your free credit balance, including the frequency and the amount of each sweep, is governed by the terms and conditions set forth in the Cash Features Disclosure Statement and in the Account Agreement applicable to your account. The material in this document is intended for informational purposes only. If there is any conflict between the descriptions in this document and the terms of the Cash Features Disclosure Statement, the Cash Features Disclosure Statement will control.

How the Cash Features Program Works	<p>Schwab’s Cash Features Program is the service (described in the Cash Features Disclosure Statement) that we provide to automatically invest, or “sweep,” the free credit balance in your account into a liquid investment to earn interest. The program permits you to earn income while you decide how those funds should be invested longer term.</p>
Available Cash Feature	<p>The available cash features currently consist of:</p> <ul style="list-style-type: none"> ▪ The free credit balance in your eligible account (the “Schwab One® Interest feature”), on which Schwab pays interest; ▪ Interest-bearing deposit accounts at one or more of our affiliated banks (the “Bank Sweep feature” for most accounts and the “Bank Sweep for Benefit Plans feature” for retirement plan accounts); and ▪ For some accounts, one or more affiliated money market mutual funds (the “Money Fund Sweep feature”).
Eligibility	<p>Eligibility for each cash feature is based on the registered ownership and the type of account. Not all account registrations and account types will be eligible for all cash features. Some account registrations and account types will be eligible for only one cash feature. Please see your Account Application and the Cash Features Disclosure Statement for more complete eligibility details.</p>
Duty to Monitor Eligibility for Cash Features	<p>It is your responsibility to monitor your eligibility for the cash features and determine the best cash feature available to you. Schwab is not responsible for contacting you if you are, or later become, eligible for other higher-yielding cash features.</p>
Interest Rates and Yields	<p>The interest rates and yields for the different cash features vary over time. There is no guarantee that the interest rate and yield on any particular cash feature will be or will remain higher than the interest rate and yield on any other cash features over any period. Current interest rates and yields can be obtained by contacting your independent investment advisor or your Financial Consultant, or by calling us at 1-800-435-4000. If you already have an account, you can visit our website at www.schwab.com/sweep. If your account is an Advisor Services account, please contact your advisor, visit www.schwab.com/SA_sweep, or call Schwab Alliance at 1-800-515-2157.</p> <ul style="list-style-type: none"> ▪ The interest rate on the Schwab One Interest feature is set by Schwab. We have the option to pay as low a rate as possible consistent with our views of competitive necessities. With certain exceptions, the rate will be tiered based upon the overall free credit balance within your account. ▪ The interest rate on the Bank Sweep feature is set by our affiliated bank(s), which also has the option to pay as low a rate as possible consistent with their views of competitive necessities. Retirement accounts will be paid a reasonable rate consistent with applicable legal and regulatory requirements. With certain exceptions, the rate will be tiered based upon your account type and the combined amount of your account’s Bank Sweep deposits at our affiliated bank(s).

Brokerage Products: Not FDIC-Insured • No Bank Guarantee • May Lose Value

<p>Interest Rates and Yields</p> <p>(Continued)</p>	<ul style="list-style-type: none"> ▪ The interest rate on the Bank Sweep for Benefit Plans feature is set by our affiliated bank(s), which intend to pay interest consistent with reasonable rate provisions of applicable legal and regulatory requirements. This can be lower than some competitors' rates. Interest rates do not vary by tiers and do not vary based on your cash balances. ▪ Money market mutual funds offered through the Money Fund Sweep feature seek to achieve the highest yield (less fees and expenses) consistent with prudence and their investment objectives. <p>Cash features are not intended to be long-term investments, and yields on any of our cash features can be lower than those of similar investments or deposit accounts offered outside the Cash Features Program. If you desire to maintain cash balances for other than a short-term period and/or are seeking the highest yields currently available in the market, please contact your Schwab representative or visit www.schwab.com/cash for investment options that may be available outside of the Cash Features Program to help maximize your return potential consistent with your investment objectives and risk tolerance. If your account is an Advisor Services account, please contact your advisor, visit www.schwab.com/SA_cash, or call Schwab Alliance at 1-800-515-2157.</p>
<p>Benefits to Schwab</p>	<p>We charge fees and receive certain benefits under the different cash features. We share a portion of these fees and benefits with our investment professionals. Because of these fees and benefits, we have a financial incentive to select the particular cash features included in the Cash Features Program.</p>
<p>Differing Risks and Account Protection</p>	<p>The different cash features are subject to different risks and account protection:</p> <ul style="list-style-type: none"> ▪ The Schwab One[®] Interest feature is not subject to market risk and value loss but is subject to the risk of Schwab's failure. In the unlikely event that Schwab fails, cash is eligible for SIPC coverage up to a limit of \$250,000 (including principal and interest) per client in each insurable capacity (e.g., individual or joint). Free credit balances held at Schwab are not insured or guaranteed by the FDIC. ▪ The Bank Sweep and Bank Sweep for Benefit Plans features are not subject to market risk and value loss but are subject to the risk of the failure of one or more of our affiliated banks. In the unlikely event that one or more of our affiliated banks fails, deposits at each bank are eligible for FDIC insurance protection up to a limit of \$250,000 (including principal and interest) per depositor in each insurable capacity (e.g., individual, joint, and plan participant). This limit includes any other deposits you may have at that bank outside of the Bank Sweep and Bank Sweep for Benefit Plans features. You are responsible for monitoring your bank balances in the Bank Sweep and Bank Sweep for Benefit Plans features and the balances in any of your other bank accounts at each affiliated bank to determine if these, in total, exceed FDIC insurance limits. Monies held in both features are not covered by SIPC. ▪ Money market mutual funds in the Money Fund Sweep feature invest in high-quality, short-term securities and seek to maintain a stable value, but are subject to market risks and potential value loss. They are not bank accounts and are not subject to FDIC insurance protection. They are instead covered by SIPC, which protects against the custodial risk (and not a decline in market value) when a brokerage firm fails by replacing missing securities and cash up to a limit of \$500,000, of which \$250,000 may be cash. Shares held through the Money Fund Sweep feature are not considered cash, but are treated as securities for SIPC coverage.

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